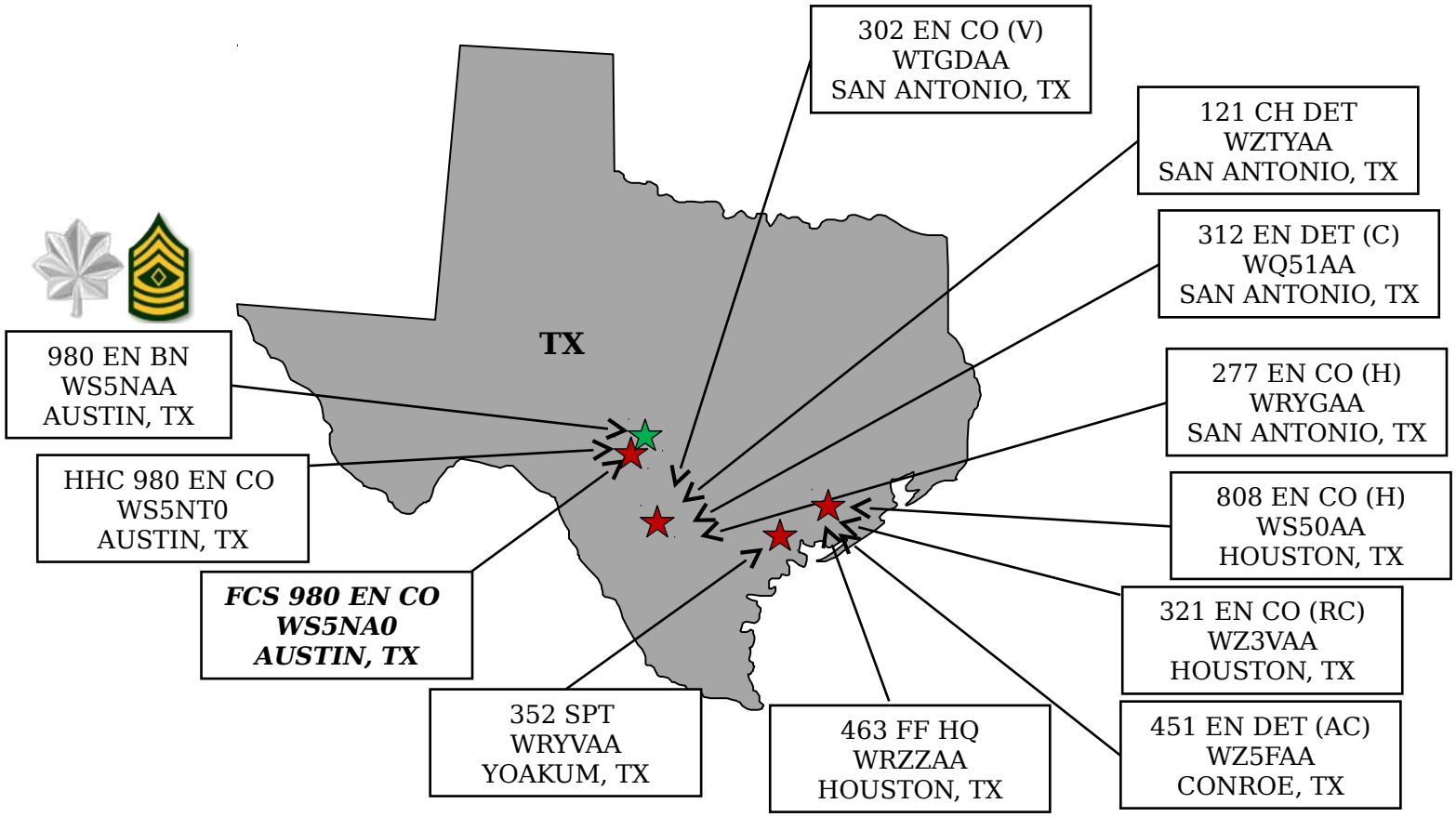
980th Engineer Battalion

LTC Jeffrey Hartsell
CSM Thomas Champion



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The Engineer Branch

"The Engineer Regiment exists to provide the freedom of action for land power by mitigating the effects of terrain." (FM 3-34 Intro)

Engineer Company

- General Engineer
  - Increased focus on the construction aspect of the engineering mission
  - Consist of horizontal, vertical, and other special purpose units
  - Armed and equipped to fight primarily in a defen

302nd Engineer Company

Unit History

- Established 24 March 1942 as Company D, 334th EN Combat BN
- Eventually reorganized in 1 APR 2007 and redesignated as 302nd EN CO
- Campaigns
  - GWOT
  - World War II

302nd Engineer Company

Mission

To command, control, and construct basecamps and internment facilities; and construct, repair, and maintain vertical infrastructures in support of support brigades or Engineer Brigades.

302nd Engineer Company

Mission Explained

- Provide Base Camp or facility enhancement
- Enable Force Projection and Logistics
- Build Partner capacity and Develop Infrastructure

302nd Engineer Company

Mission Explained

- Improvement facility maintance
- Improve infrastructure
- Provide utilities to a field environment
- Establish base-camp for friendly forces
- Provide service work for utilities

302nd Engineer Company

Mission in Context

Provide Base Camp or facility enhancement

-Unit is able to establish a base camp as well as provide service support to maintain

302nd Engineer Company

Capabilities-Man Power

- Structure
  - Company/Platoon/Squad/Teams
  - Line/maintenance platoons
- Manpower
  - Composition (officers/enlisted)
  - MOS's
    - 12W- Carpentry Masonry Specialist
    - 12R- Interior Electrian
    - 12K- Plumber
    - 12H- Construction Supervisor
    - 12X- General Engineer Supervisor
    - 12A Engineer Officer
    - 120A Utilities Warrant Officer

302nd Engineer Company

Capabilities-Equipment

- Others

277th Engineer Company

Unit History

- Established 3 APR 1944 as Company A, 1298th EN Combat BN
- Eventually reorganized in 1 APR 1954 and redesignated as 277th EN CO
- Campaigns
  - GWOT

277th Engineer Company

Mission

To provide command and control of assigned platoons and teams to unit that coordinates, directs, conduct repairs, maintain and/or construct roads and airfields; emplace culverts; haul construction materials; conducts clearing and grubbing; and provides force protection.

277th Engineer Company

Mission Explained

- Permanent road/airfield construction/repair
- Expedient road/airfield construction/repair
- Earthwork preparation of construction sites
- Defensive Earthwork
- Obstacle Creation/Clearance

277th Engineer Company

Mission in Context

- Enhance Mobility
  - Mobility
    - Principal mission is the construction and maintenance of roads, airstrips
    - Heavy equipment suitable for breaching secured obstacles
  - Counter-mobility
    - Heavy equipment suitable for construction of

277th Engineer Company

Mission in Context

- Enhance Protection
  - Equipped with heavy earthmoving equipment suitable for long term fortification
- Enable Force Projection and Logistics
  - Army's principal organic element for the maintenance of m

277th Engineer Company

Mission in Context

- Build Partner Capacity and Develop Infrastructure
  - Train partner organizations in engineer tactics and techniques
  - Army's principal organic element for the mai roads and airf

277th Engineer Company

Capabilities-Man Power

- Structure
  - Company/Platoon/Squad/Teams
  - Line/maintenance platoons
- Manpower
  - Composition (officers/enlisted)
  - MOSs
    - 12N- Horizontal Construction Engineer
    - 12A- Engineer Officer
    - 12X- General Engineer Supervisor

277th Engineer Company

Capabilities-Equipment

- 621B Scraper

The scraper is a large piece of equipment used in mining, construction, agriculture and other earthmoving applications. The scraper can transport its load to the fill area where the blade is raised, the back panel of the hopper, or the ejector, is hydraulically pushed forward and the load tumbles out. Then the empty scraper returns to

277th Engineer Company

Capabilities-Equipment

- D7-Bulldozer

The **Caterpillar D7** is a medium bulldozer manufactured by Caterpillar Inc. D7 is primarily used to move material short distances or through challenging terrain. This makes it ideal for working on very steep slopes, in forests, and for backfilling pipelines safely without risking damage to the pipe.

277th Engineer Company

Capabilities-Equipment

- 120M Grader

A **grader**, also commonly referred to as a **road grader**, a **blade**, a **maintainer**, or a **motor grader**, is a construction machine with a long blade used to create a flat surface during the grading process. Certain graders can operate multiple attachments, or be used for separate tasks like underground

277th Engineer Company

Capabilities-Equipment

- M917 Dump Truck

A **dump truck** is a truck used for transporting loose material (such as sand, gravel, or dirt) for construction.

277th Engineer Company

Capabilities- Equipment

- JD230LCR Hydraulic Excavator

Excavators are heavy construction equipment consisting of a boom, stick, bucket and cab on a rotating platform known as the "house”

277th Engineer Company

Capabilities-Equipment

- Others

Questions